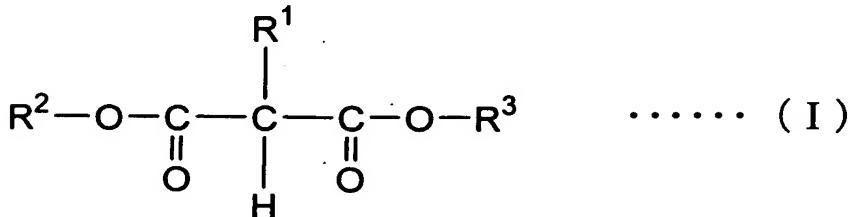


## ABSTRACT

A solid catalyst component for olefin polymerization obtained by reacting the following compounds (i), (ii) and 5 (iv); or (i), (ii), (iii) and (iv):

- (i) a halogen-containing titanium compound;
- (ii) an alkoxy-containing magnesium compound obtained by reacting metal magnesium, an alcohol and a halogen and/or a halogen-containing compound containing at least 10 0.0001 gram atom of halogen atoms per mol of the metal magnesium;
- (iii) a halogen-containing silicon compound; and
- (iv) an electron-donating compound represented by the following general formula (I):



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wherein  $R^1$  represents a linear or branched alkyl group having 1 or more carbon atoms; and  $R^2$  and  $R^3$  independently represent a linear or branched  $C_{1-20}$  alkyl group.